

## In the Claims

**1. (currently amended):** A platelet-shaped pigment comprising a layer obtained by calcining  $\text{TiO}_2/\text{SiO}_y$ , wherein  $0.03 \leq y \leq 1.95$ , ~~especially  $0.03 \leq y \leq 1.8$ , more especially  $0.70 \leq y \leq 1.8$ ,~~ or  $\text{TiO}_2/\text{metal}$ , ~~especially Ti, Zr, Cr, or Zn, more especially Al~~ in a non-oxidising atmosphere.

**2. (currently amended):** A pigment according to claim 1, comprising

- (a) a substrate layer of  $\text{SiO}_z$ , wherein  $0.03 \leq z \leq 2.0$ , ~~especially  $0.10 \leq z \leq 2.0$ , more especially  $0.70 \leq z \leq 2.0$ ,~~
- (b) an intermediate layer obtained by calcining  $\text{TiO}_2/\text{SiO}_y$ , wherein  $0.03 \leq y \leq 1.8$ , in a non-oxidising atmosphere, and
- (c) a  $\text{TiO}_2$  layer.

**3. (original):** A pigment according to claim 1, comprising

- (a) a substrate layer of Al,
- (b) an intermediate layer obtained by calcining  $\text{TiO}_2/\text{Al}$  in a non-oxidising atmosphere, and
- (c) a  $\text{TiO}_2$  layer.

**4. (currently amended):** A pigment according to claim 1, comprising

- (a) a multi-layered platelet-shaped substrate layer having a core of  $\text{SiO}_{x1}$  that has a  $\text{SiO}_{x2}$  layer, or a  $\text{SiO}_{y1}$  layer on the lower and upper surfaces, but not on the side faces, a multi-layered platelet-shaped substrate layer having a core of  $\text{SiO}_{x2}$  that has a  $\text{SiO}_{x1}$  layer, or  $\text{SiO}_{y1}$  layer on the lower and upper surfaces, but not on the side faces, a multi-layered platelet-shaped substrate layer having a core of  $\text{SiO}_{y1}$  that has a  $\text{SiO}_{x1}$  layer, or  $\text{SiO}_{x2}$  layer on the lower and upper surfaces, but not on the side faces, or a multi-layered platelet-shaped substrate layer having a core of a metal, ~~especially Al~~, that has a  $\text{SiO}_{x1}$  layer, a  $\text{SiO}_{x2}$  layer, or a  $\text{SiO}_{y1}$  layer on the lower and upper surfaces, but not on the side faces,
- (b) an intermediate layer obtained by calcining  $\text{TiO}_2/\text{SiO}_{x1}$ ,  $\text{TiO}_2/\text{SiO}_{x2}$ , or  $\text{TiO}_2/\text{SiO}_{y1}$  in a non-oxidising atmosphere and
- (c) a  $\text{TiO}_2$  layer,  
wherein  $0.03 \leq x1 < 0.70$ , ~~especially  $0.05 \leq x1 \leq 0.50$ , very especially  $0.10 \leq x1 \leq 0.30$ ,~~  
 $0.70 \leq x2 \leq 0.99$ , and  $1.00 \leq y1 \leq 1.95$ , ~~especially  $1.0 \leq y1 \leq 1.8$ , very especially  $1.1 \leq y1 \leq 1.8$ .~~

5. **(currently amended)**: A pigment according to claim 2, wherein the substrate layer has a thickness of from 20 to 1000 nm, ~~preferably from 50 to 500 nm.~~

6. **(currently amended)**: A pigment according to either claim 2 ~~or 5~~, wherein the intermediate layer has a thickness of from 1 to 500 nm, ~~preferably from 10 to 50 nm.~~

7. **(currently amended)**: A pigment according to ~~any one of claim [[s]] 2, 5 and 6~~, wherein the TiO<sub>2</sub> layer has a thickness of from 1 to 200 nm, ~~especially 10 to 100 nm, more especially from 20 to 50 nm.~~

8. **(currently amended)**: A process for the production of a pigment according to claim 1, wherein

- (a) TiO<sub>2</sub>-coated SiO<sub>y</sub> platelets, wherein  $0.03 \leq y \leq 1.95$ , ~~especially  $0.03 \leq y \leq 1.8$ , more especially  $0.70 \leq y \leq 1.8$~~ , or TiO<sub>2</sub>-coated metal platelets, ~~especially Al platelets~~ are calcined in a non-oxidising gas atmosphere at a temperature of more than 600°C and
- (b) the TiO<sub>2</sub>-coated SiO<sub>y</sub> platelets are optionally treated at a temperature of more than 200°C, ~~preferably more than 400°C and especially from 500 to 1000°C~~, with air or another oxygen-containing gas.

9. **(currently amended)**: A pigment ~~obtainable~~ obtained by the process according to claim 8.

10. **(cancelled)**.

11. **(currently amended)**: A cosmetic preparation, colorant, coating, printing ink, ink for security printing, plastic, textile, or glaze for ceramics and glass, comprising a pigment according to ~~any one of claim[[s]] 1, to 7, or 9~~

12. **(new)**: A platelet-shaped pigment according to claim 1, wherein  $0.70 \leq y \leq 1.8$ , and the metal in TiO<sub>2</sub>/metal is selected from the group consisting of Ti, Zr, Cr, Zn, and Al.

13. **(new)**: A pigment according to claim 2, wherein  $0.10 \leq z \leq 20$ .

14. **(new)**: A pigment according to claim 2, wherein  $0.70 \leq z \leq 20$ .

**15. (new):** A pigment according to claim 4, wherein the metal in the multi-layered platelet-shaped substrate layer having a core of a metal of component is Al.

**16. (new):** A pigment according to claim 4, wherein  $0.05 \leq x_1 \leq 0.50$ ,  $0.70 \leq x_2 \leq 0.99$ , and  $1.1 \leq y_1 \leq 1.8$ .

**17. (new):** A pigment according to claim 2, wherein the intermediate layer has a thickness of from 10 to 50 nm.

**18. (new):** A pigment according to claim 2, wherein the  $\text{TiO}_2$  layer has a thickness of from 10 to 100 nm.

**19. (new):** A pigment according to claim 2, wherein the  $\text{TiO}_2$  layer has a thickness of from 20 to 50 nm.

**20. (new):** A process according to claim 8, wherein the metal of the  $\text{TiO}_2$ -coated metal platelets of component (a) is Al and in step (b) ) the  $\text{TiO}_2$ -coated  $\text{SiO}_y$  platelets are treated at a temperature of more than  $400^\circ\text{C}$ , with air or another oxygen-containing gas.

**21. (new):** A process according to claim 8, wherein  $0.70 \leq y \leq 1.8$ .